

Food-themed projects take Kresge

Students show off fruits of their labor in 2.009 presentations



SAM RANGE—THE TECH

Professor David R. Wallace PhD '95 welcomes the Silver Team, which developed a sushi-ferrying robot, to the stage at 2.009 presentations yesterday. The course required students to design and build a solution to an issue related to food.

By Elijah Jordan Turner

NEWS EDITOR

As a large clock counted down from two minutes, the excitement of the crowd in the nearly packed Kresge Auditorium reached fever pitch. Students, faculty, and friends gathered to see the results of months of labor from

the students of 2.009 (Product Engineering Processes), who were tasked with designing a food-themed product.

As in previous years, teams of students from the course had to build a working prototype and create a business plan for their product. Last night, representatives of the eight teams, each consisting of 15 to 20 students, presented

and pitched their products to the captive audience. Live music was on hand to provide food-themed music and a backdrop to the often humorous interludes between presentations.

The teams interpreted this year's theme of food in a number of ways, with some address-

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Arguments give support to stem cells

Appeal court judges in favor of stem cell research

By John A. Hawkinson

NEWS EDITOR

Stem cell researchers can be cautiously optimistic.

Yesterday morning, the government attorneys and anti-embryonic stem cell research advocates argued before an appeals court in the ongoing stem cell case, *Sherley v. Sebelius*, where former MIT professor James L. Sherley and fellow researcher Theresa A. Deisher are suing the federal government to prohibit human embryonic stem cell research.

The government is appealing a preliminary injunction issued by a lower court that barred the National Institutes of Health from funding human embryonic stem cell research — though other kinds of stem cell research are OK.

That injunction was issued on Aug. 2 but has been suspended by the appeals court since Sept. 9. The appeals court has moved quickly in the past — when they heard oral argument

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Koch Cafe to replace Bio Cafe

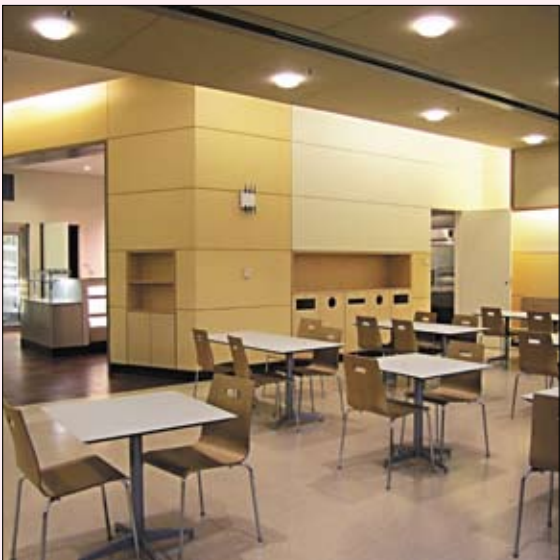
Set to begin operations by early January, the Koch Cafe (Bldg. 76) will replace the currently operating Bio Cafe (Bldg. 68). The Bio Cafe will discontinue its service on Friday, December 17.

According to Director of Campus Dining Richard D. Berlin, the new Koch Cafe was put into place for two reasons. First, the existing Bio Cafe would be too small to serve the incoming community now housed in the new Koch Institute building. Second, Berlin said that it did not make sense to have three different cafes (Forbes, Bio, and Koch) located on the same courtyard.

The new Koch Cafe will seat approximately 80 people and will serve hot breakfast and lunch. According to Berlin, the hours of operation are expected to be 7:30 a.m. to 5 p.m. Similar to the Forbes Cafe in the Stata Center, the Koch Cafe has a made-to-order sandwich deli and grab-and-go meals.

While no temporary dining will be put in place between the time the Bio Cafe closes and the Koch Institute opens, Berlin said the Forbes Cafe will continue to operate and serve the MIT community through the December vacation.

—Robert McQueen



ROBERT MCQUEEN—THE TECH

Tang lawyers question Fife's judgment

Psychologist at center of controversy on fifth day of Wellesley stabber's trial

By John A. Hawkinson

NEWS EDITOR

Yesterday, the Anna L. Tang trial entered its 5th day, and the entire day was spent on the testimony of one witness — arguably the most pivotal yet confusing witness of the entire trial — the prosecution's Court-appointed forensic psychologist, Dr. Alison Fife. Under cross-examination, Fife's credibility took several large hits.

Fife's testimony is of such interest because early in the summer — before the trial came to an abrupt halt — she issued a written report to the Court saying that, based on mental illness, Tang was not able to conform her conduct to the requirements of the law. That would mean Tang was not criminally responsible — so called “not guilty by reason of insanity.”

Tang, who has struggled with mental illness since childhood, stabbed Wolfe B.

Tang, Page 15



NICHOLAS CHORNAY—THE TECH

Today is the second day of the annual holiday glass sale. Held in Lobby 10, the sale features work by students and instructors from MIT's Glass Lab, which offers classes in the fall and spring as well as IAP. A portion of the proceeds from the sale goes toward funding the lab's ongoing activities.

IN SHORT

Fall semester classes end on Thursday. Get ready for finals next week!

Need a break? The MIT Community Winter Break is today from 3:30 p.m. to 4:30 p.m. in Lobby 7. The event is sponsored

by the Undergraduate Association, Graduate Student Council and the Office of the President.

Looking to buy gifts for the holidays? The MIT Glass Lab Holiday Sale ends today. The sale is held in Lobby 10 from 10 a.m. to 5 p.m.

Send news information and tips to news@tech.mit.edu.

IT'S CROSSWORDS GALORE!

Do you like crosswords? Then this is your lucky day. We have four 4 you! **FUN, p. 18**

DINING WILL DESTROY MIT

The new dining plan destroys community and sets a precedent for the future. **OPN, p. 5**

COMPLETE YOUR EVALUATIONS

Subject evaluations make professors and courses improve. **OPN, p. 5**



DANCING INTO THE THIRD DIMENSION

Get a sneak peak into Dancetroupe's rehearsals for their Dancetroupe in 3D show this week. **NUZ, p. 8**

VARIOUS STATES OF UNDRRESS

Ladies, take charge and just ask him out. **CL, p. 7**

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Bombers kill 40 at anti-Taliban meeting in Pakistan

PESHAWAR, Pakistan — Two suicide bombers dressed as police officers detonated explosive vests at a meeting of hundreds of people with the top civilian official in the tribal agency of Mohmand, killing more than 40 and wounding at least 100, government officials said.

The meeting, called a peace jirga, had been assembled to plan a strategy to stand up to the Taliban, who have carved out a haven in the strategic tribal region on the Afghan border, resisting a nearly two-year campaign by the Pakistani military to oust them.

—Ismail Khan and Salman Masood, *The New York Times*

Top test scores from Shanghai stun educators

With China's debut in international standardized testing, students in Shanghai have surprised experts by outscoring their counterparts in dozens of other countries, in reading as well as in math and science, according to the results of a respected exam.

U.S. officials and Europeans involved in administering the test in about 65 countries acknowledged that the scores from Shanghai are by no means representative of all of China.

About 5,100 15-year-olds in Shanghai were chosen as a representative cross-section of students in that city. In the United States, a similar number of students from across the country were selected as a representative sample for the test.

—Sam Dillon, *The New York Times*

Obama urges China to rein in North Korea

WASHINGTON — In a sign of mounting tension between the United States and China over North Korea, President Barack Obama telephoned President Hu Jintao and warned that China was emboldening its unruly neighbor by not publicly challenging its behavior, a senior administration official said Monday.

In a frank, 30-minute discussion Sunday night, Obama urged China to put the North Korean government on a tighter leash after a series of provocations, most recently its shelling of a South Korean island, which has stoked fears of a wider military confrontation in the Korean Peninsula.

—Mark Landler, *The New York Times*

Gillick elected to Hall of Fame; Steinbrenner and Miller not

ORLANDO, Florida — When Pat Gillick left the Yankees' front office in 1976 to build the expansion Toronto Blue Jays, George Steinbrenner was upset. He did not like a new American League East rival poaching his scouting director.

Gillick and Steinbrenner did just fine apart. Both went on to careers filled with championships, and both appeared on the veterans committee's Hall of Fame ballot for the first time this year. But only Gillick was elected in voting results announced Monday.

Gillick, the former general manager of the Blue Jays, the Baltimore Orioles, the Seattle Mariners and the Philadelphia Phillies, was named on 13 of 16 ballots, with 12 needed for election. Steinbrenner, who owned the Yankees from 1973 until his death on July 13, was named on fewer than eight ballots. The Hall of Fame would not specify exactly how many votes Steinbrenner received.

—Tyler Kepner, *The New York Times*

In Obama's deal with GOP, a portent for the next two years

By Peter Baker
THE NEW YORK TIMES

WASHINGTON — For President Barack Obama, this is what bipartisanship looks like in the new era: messy, combustible and painful, brought on under the threat of even more unpalatable consequences and yet still deferring the ultimate resolution for another day.

For the first time since his party's drubbing in last month's election, and arguably for the first time on a major domestic policy since he took office, Obama forged a deal with the Republican opposition, swallowing hard to give up a central campaign promise while maneuvering to win enough other priorities to declare partial victory.

In that deal come the first clues to how he plans to govern for the next two years with a divided Congress, an anemic economy and his own re-election looming on the horizon. He made clear he was willing to alienate his liberal base in the interest of compromise, more interested in crafting measures that can pass to the benefit of the middle

class than waging battle to the end over principle. And in the process, he is gambling he can convince the American people that he is the bridge builder they thought he was.

"I know there's some people in my own party and in the other party who would rather prolong this battle, even if we can't reach a compromise," Obama said in announcing the bipartisan agreement on tax cuts and unemployment benefits. "But I'm not willing to let working families across this country become collateral damage for political warfare here in Washington."

This was not a compromise he could relish. Ending the Bush-era tax cuts for the wealthiest 2 percent of households was a major theme of his campaign in 2008. But if he had to agree to a two-year extension, he exacted a price from Republicans in the form of extended unemployment benefits, a temporary payroll tax cut to help the working class and the continuation of tax breaks for parents and students.

Unlike with other issues, Obama and the Republicans had a powerful incentive to split the difference, an

implacable end-of-the-year deadline that would have resulted in a tax increase for nearly every American. Moreover, he arguably just punted the issue into the 2012 campaign.

The White House was careful not to extrapolate too much from one deal. Still, after Obama got passage of sweeping economic stimulus, health care and financial regulation measures with virtually no Republican support, this represents something of a break, and centrists and Republicans saw hope for a more collaborative two years.

"This is the first in a series of painful deals that the president will have to cut if he is to move us forward for the next two years," said Matt Bennett, vice president of Third Way, an advocacy group of moderate Democrats, and a veteran of Bill Clinton's White House. "It is proof that he is governing as an adult, looking for opportunities to negotiate."

Frank J. Donatelli, chairman of GOPAC, a Republican group, and White House political director under Ronald Reagan, said the opposition would welcome the move.

Cables show how U.S. strains to stop arms flow

By Michael R. Gordon
and Andrew W. Lehren
THE NEW YORK TIMES

WASHINGTON — Just a week after President Bashar Assad of Syria assured a top State Department official that his government was not sending sophisticated weapons to Hezbollah, the Obama administration lodged a confidential protest accusing Syria of doing precisely what it had denied doing.

"In our meetings last week it was stated that Syria is not transferring any 'new' missiles to Lebanese Hizballah," noted a cable sent by Secretary of State Hillary Rodham Clinton in February, using an alternative spelling for the militant group. "We are aware, however, of current Syrian efforts to supply Hizballah with ballistic missiles. I must stress that this activity is of deep concern to my government, and we strongly caution you against such a serious escalation."

A senior Syrian Foreign Ministry official, a cable from the U.S. Embassy in Damascus reported, flatly denied the allegation. But nine months later, administration officials assert, the flow of arms had continued to Hezbollah. According to a Pentagon official, Hezbollah's arsenal now includes up to 50,000 rockets and missiles, including some 40 to 50 Fatah-110 missiles capable of reaching Tel Aviv and most of Israel, and 10 Scud-D missiles. The newly fortified Hezbollah has raised fears any future conflict with Israel could erupt into a full-scale regional war.

The Syrian episode offers a glimpse of U.S. efforts to prevent buildups of arms — including Scud missiles, Soviet-era tanks and anti-aircraft weapons — in some of the world's tensest regions. Wielding surveillance photos and sales contracts, U.S. diplomats have confronted foreign governments about

shadowy front companies, secretive banks and shippers around the globe, according to secret State Department cables obtained by WikiLeaks and made available to several news organizations.

U.S. officials have tried to block a Serbian black marketer from selling sniper rifles to Yemen. They have sought to disrupt the sale of Chinese missile technology to Pakistan, the cables show, and questioned Indian officials about chemical industry exports that could be used to make poison gas.

But while U.S. officials can claim some successes, the diplomats' dispatches underscore how often their efforts have been frustrated in trying to choke off trade by Syria and others, including Iran and North Korea.

The United States is the world's largest arms supplier and, with Russia, dominates trade in the developing world.

WEATHER

Blustery conditions, but no snow for this week

By Roman Kowch
STAFF METEOROLOGIST

Chilly temperatures will maintain their grip on New England. Over the past few days, highs only reached the lower 30s°F which is about 10°F below normal for late Autumn. In fact, current trends show that it will get even colder over the region, with lows near 15°F by mid-week!

Despite such cold weather, no precipitation looks imminent as dry weather filters down from Canada. A station-

ary low pressure over eastern Canada will be responsible for the breezy conditions this week. Although this storm seems close, moisture from this system will be blocked by a trough that remains fixed over the eastern Appalachians. As a result, heavy snowfall continues over upstate New York into northern Maine, where current totals range from 5-10 inches. We don't have to contend with heavy snow this week. The cold, blustery wind should be the only concern for the next few days.

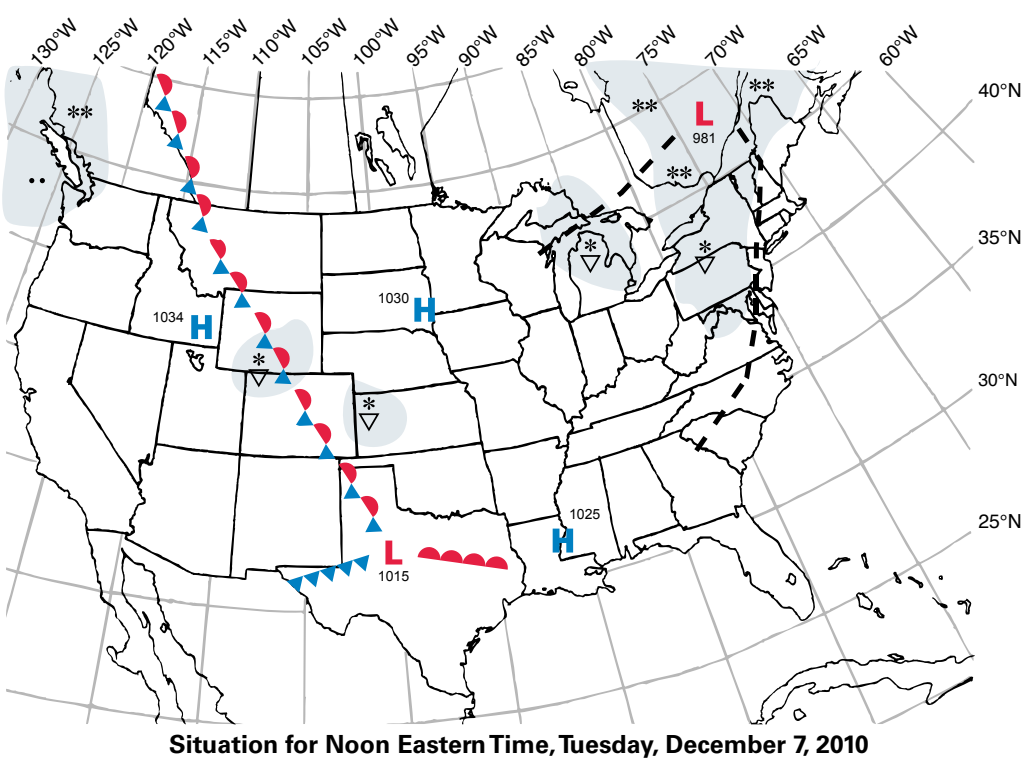
Extended Forecast

Today: Mostly cloudy, West wind at 10-20 mph, gusts to 30 mph. High 37°F (3°C).

Tonight: Mostly cloudy, West wind at 10-20 mph. Low 24°F (-4°C).

Tomorrow: Mostly sunny, West wind at 10-20 mph. High 35°F (2°C).

Thursday: Clear and cold. High 31°F (-1°C).



Situation for Noon Eastern Time, Tuesday, December 7, 2010

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	Trough	Snow	Fog
L Low Pressure	Warm Front	Rain	Thunderstorm
Hurricane	Cold Front	Light	Haze
	Stationary Front	Moderate	
		Heavy	

Compiled by MIT Meteorology Staff and The Tech

Your evaluations are meaningful to us

Subject evaluations help departments build better courses

By David L. Darmofal

With another end of semester upon us, finding time to complete subject evaluations is often difficult given the usual crunch of papers, projects, and exams. I wanted to briefly describe how these evaluations are used at the Institute, encourage students to fill them out, and offer some suggestions for how we might look to improve upon the way in which subjects are evaluated.

Subject evaluations are a critical source of information for what worked and what did not work in a subject.

Subject evaluations are largely (if not completely) done online at the Institute. While some programs run their own on-line systems (in particular Courses 2 and 6), the Institute has also developed an on-line system that is now used by most other programs, including my home department, Course 16. Speaking as an instructor, the subject evaluations are a critical source of information for what worked and what did not work in a subject. By combining that

information with the instructor's sense of the course, as well student performance, a much more accurate picture arises of ways to improve the subject and how it is taught. I like to think of this as a state estimation and feedback control system — by combining a bunch of incomplete data sources, a better estimate of the state of the subject can be determined. This lets us make changes to improve the subject and better understand the dynamics of teaching it.

Subject evaluations also are an important part in faculty annual performance reviews and tenure and promotion cases. For example, all faculty in the School of Engineering report in their Faculty Personnel Record (i.e. a more detailed form of a curriculum vitae used at MIT for performance and promotion reviews) the average rating of overall teaching effectiveness and the overall subject quality for every subject they have taught.

In Course 16, we have a formal reflective process that began over ten years ago. All faculty that teach an undergraduate subject in our department write a memo at the end of each semester to reflect on whether students have met the subject learning objectives, describe what changes were taken to improve the subject from the last offering, and suggest changes for the next offering. Then, each faculty member meets with the

associate department head to discuss these reflective memos. As the current associate department head, I prepare for these discussions by reading the memo and looking at the student evaluations to ensure that the student feedback has been considered in the faculty's reflections. These reflective memos and the subsequent discussions are among the most thoughtful discussions I have had about improving teaching.

...there are no questions relevant to problem/project-based learning, laboratory experiences, hands-on-activities, etc.

What might we do better in evaluating our subjects? I will focus largely on what I know best — that is, the evaluation process we use in Course 16. The new online Institute-wide subject evaluation system offers a lot of flexibility in the questions that can be asked, yet I find the default set of questions to be constraining and not representative of the wide-range of teaching techniques utilized throughout the Institute (e.g. there are no questions relevant to problem/project-based learning, laboratory experiences,

hands-on activities, etc.). Furthermore, perhaps a common set of questions might be developed for CI-M subjects that allow best practices in teaching CI-Ms to emerge.

The reports produced by the online system could also be much richer. Currently, for quantitative questions, the reports include only averages and standard deviations, though I find histograms to be much more useful in many circumstances. Another dimension would be to allow automated comparisons among a set of subjects. Finally, in this age of budgetary pressure, I wonder if we might have an opportunity to move towards a single online evaluation system and in the process not only reduce cost but also actually learn more about effective teaching by facilitating comparison.

MIT is a data-driven place, and subject evaluations are a critical part of the data used to improve the MIT education. If you are taking a subject, definitely take the time to complete an evaluation. We want to hear a range of opinions — from constructive criticism to positive feedback.

Best wishes to all for a successful close to another semester.

David L. Darmofal PhD '91 is the associate department head and professor in the Department of Aeronautics and Astronautics, and a MacVicar Fellow.

The new dining plan and the fate of scientific collaboration

Or, why MIT won't matter in 50 years

By Samuel Markson

This is my brief attempt to illuminate the MIT administration as to why so many students and affiliates are offended by the recent dining plan, and maybe, by the end, justify my title.

In more technical terms, if the administration sticks its head any further up its own ass, it'll be topologically equivalent to a klein bottle.

First up, dining.

Mentally translating and compressing Chris Colombo's one-page "compromise" plan from this past Monday, I get something like this:

"A ton of you are against this proposal. We still kinda like it. Compromise? We enact it—but only after you're gone."

It does solve a chunk of the complaints levied on HDAG of late. At least for the complainers. Presumably the incoming classes — either through self-selection or some careful work by the admissions office — will have fewer problems with the plan, and the community will gradually accept the status quo of Institute opacity. At worst, we'll become a marginally "techier" version of Harvard, and surely there's no problem in that, right? I'm not arrogant enough to suggest that this plan will drastically change education at MIT. At the end of the day, people will be going to the same classes and turning in the same psets. The amount students will pay extra on meals is marginal compared to the behemoth that is full tuition. And if MIT is enhancing financial aid for this, I suppose they have the right to waste their own money.

I think most people on the “sayno” petition get this. Some might be mollified by Dean Colombo’s compromise, but the vast majority still feel uneasy. Words like “culture” and “community” get thrown around a lot when we talk about dining, probably

because those, rather than our student bills, are at stake. I'm guessing that the vast majority of MIT graduates — certainly all the ones that I've interacted with — will tell you that what they gained from MIT was intellectual connections and friendships.

But will people stop talking to each other if they're eating more expensive food? Probably not. Graduates from universities with mandatory dining are certainly learning the material roughly as well as we do here, so I doubt that that will change.

At worst, we'll become a marginally "techier" version of Harvard, and surely there's no problem in that, right?

So who cares?

Perhaps MIT won't lose competitiveness relative to other American universities, but MIT should still be aware of what it is really selling. It is not selling lectures; it is selling community, and sooner or later someone will get hip to the fact that community can be bought for a whole lot less than five digits. The frank truth — that every student worth his or her diploma here knows — is that none of us are here for the professors, the classes or the psets. The first are often pedagogic troglodytes, the second are inefficient and opaque (it has been estimated that the average lecture-goer catches perhaps the first twenty minutes coherently), and the third are available online, from ours and other universities. What's holding MIT together is not the power of our classes but the power of our name and the power of a piece of paper with that name on it. Once that fades (which it will, once more of the most brilliant minds

decide to buck the system and its pricetag, and get their education off OCW, Wikipedia, arxiv, and the numerous other resources available for next to nothing, per capita) MIT will fade with it.

I read a recent article in Gizmodo, detailing the decline of Bell Labs; in 1934, Clarence Hickman, an engineer at Bell Labs, created a prototypical answering machine that used magnetic recording tape. Bell Labs, worried that the technology would damage their own profitability, hid the project for the next fifty years (the rather Machiavellian rationale being that businesses would be more afraid to using the telephone were they to suspect that their calls might be recorded). The technology would only show up on the market in the 1990's, instead, largely from Germany. Note that Bell Labs has perhaps half the prominence it had in its glory days.

I think also of the town of Göttingen, whose academic prominence shriveled following the rise of the Third Reich (to the benefit of several American academic towns and national laboratories, who suddenly found the newfound intellectual blood needed to dominate in their respective fields).

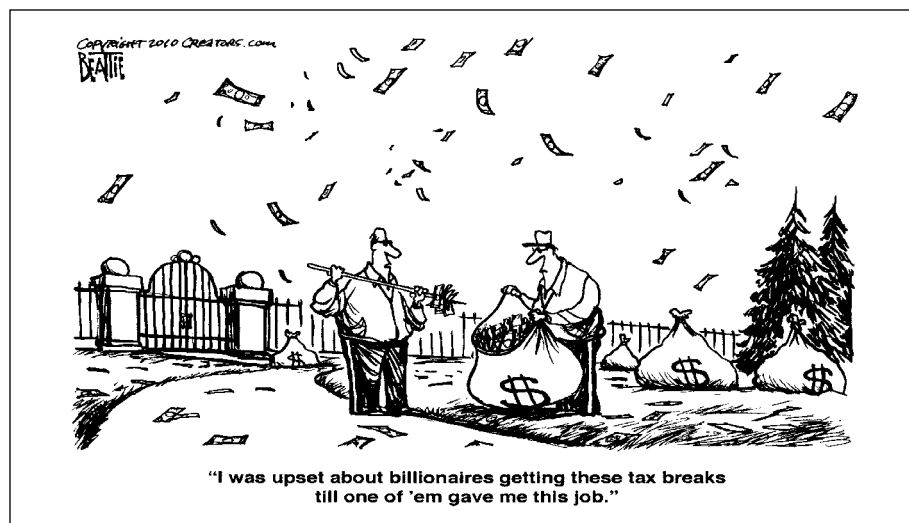
Let's not pretend that all of these situations are analogous. The only reigning point is that academic meccas can be destroyed as quickly as they are created. Yes, the recipes for these communities can be complex, but freedom has always been an essential ingredient. The point is that if freedom is not vigorously defended (rather than passively permitted) by the administration, there's nothing stopping the next wave of great scientists and engineers from packing up and leaving for greener intellectual pastures. If the American economy stays the course, such a place may not even be within our borders, and American students may be applying abroad just as internationals are applying here. Perhaps if the community

allows it (the technology already does), scientific communities will flourish online just as open-source software groups do, with personal renown won only through raw talent and contribution, rather than patience climbing the corporate ladder of American academia.

The administration's jobs will mostly be obsolete within 50 years. Perhaps this is why the voluminous pack of fact-checkers, paper-pushers, event-planners, and committee-sitters is flooding the MIT payroll now — they, as us, need to prepare for the future.

It is much more educational for us now to satisfy ourselves with what we can do than lament what we cannot.

We, the students, have no particular say in the matter, but it is much more educational for us now to satisfy ourselves with what we can do than lament what we cannot. We should content ourselves with donating less to the institute after graduation, not as some petty revenge-tactic, but because in this day and age the cost of the time to take a paragraph's worth of hand-written lecture notes roughly equals that of a full semester's education through online resources, publicly-owned textbooks and preprints, and conversations with peers who are pursuing ideas for their true worth (rather than as a stepping stone towards a diploma and unquestioned social authority). If MIT will not embrace freedom for intellectuals — its only true commodity — it is more worth our time to ask where the newest great ideas will come from than to cling to relics of an obsolete and irrelevant academic culture.



VARIOUS STATES OF UNDRRESS

Taking the initiative

The woes of the feminist way

By M.

Dating is hard these days for women like me. While nothing short of charming, women at MIT are a different breed of female: We're stronger, more empowered, and generally smarter than your average girl down the street.

Women have been conditioned by society to act a certain way if they want to find a man, but what if that clashes with who you truly are? Are we supposed to mold our personalities into what men want if we want to date someone? I don't think so.

I have always cultivated traits that are considered desirable in men. I'm proactive in my pursuits; I know what I want and I get it, I'm not easily intimidated and I speak my mind. My mother never inculcated me with "womanly" values and I took after my father because I wanted to emulate his success.

This doesn't set me up for traditional courtship where I wait for a guy to ask me out. My father taught me that if I liked a guy, I should just go for it.

I met a guy not long ago who seemed to like me but hadn't made any moves on me. Rather, he just put it all on me to pursue him: He gave me his phone number and he said

he'd like to hang out, but he didn't ask me out. I asked a friend, "Should I just ask him out?" She looked at me like I was crazy and said that I should not.

"But what if he never asks me out? What if he's shy or something?"

"Then it's his loss. If he likes you, he'll ask you out." And sadly, this is not the first advice of this sort that I've received. If I approach, some women tell me, the guy will think I'm desperate, but waiting for a guy to ask me out puts me in a passive role, which goes against my nature.

Why do I need to play by guys' rules if I want to stay in the game? What is wrong with a girl asking a guy out in the 21st century?

I recently read an article on the New York Times titled "Keeping Romance Alive in the Age of Female Empowerment." I'll save you the pain of reading it and give you the one quote that sums it up nicely: "Men don't want successful women, men want to be admired. It's important to them that the woman is full of energy at night and not playing with her BlackBerry in bed."

In other words, men are intimidated and emasculated by smart, go-getting women, and if our goal is to meet someone who will want to date us, we need to conform to what

they want. The title hints at the underlying issue here: It makes the problem about women's success rather than about some men's fragile egos. Our partners should be turned on by our ambitiousness, not emasculated by it. Maybe that's asking for too much.

Our partners should be turned on by our ambitiousness, not emasculated by it. Maybe that's asking for too much.

And the saddest part is that it is totally a double standard. Most of us highly value strong features in men like ambition, confidence, and decisiveness. Yet most of the guys I've dated have been deeply intimidated upon seeing those qualities in me. It's the classical case of the "women are sluts, guys are just players" scenario with a twist: A confident, successful man is sexy; a confident, successful woman is a bitch, and nobody

wants to date a bitch. (Plenty want to sleep with us, though.)

When I date, I am extremely conscious of the fact that most guys I go out with will be intimidated by me and turned off as a result. It's just the harsh reality of my dating life, but I try to approach it with a great sense of humor and unfailing optimism.

It's easy to doubt myself when guys turn me down, but my friends remind me that I am a great girl and that it's just a matter of finding someone who likes what I bring to the table. I am certain that I will eventually find a guy who finds my personality refreshing and accepts the challenge, and so should you, ladies!

None of us should have to conform ourselves to an outdated dating model where we wait for a guy to choose us, especially when we can do the choosing. We, empowered women, can and should pursue whatever or whomever we want without regards for silly gender conventions, and if anybody is intimidated by us, I'd say that's their loss.

On to the next one.

(Oh, I should probably mention that this is my last column ever. Thanks for reading! I will still be available at undress@tech.mit.edu.)

Google me — I dare you

How I learned to live down Internet infamy

By Christine Yu
STAFF COLUMNIST

I have become a fiercely private individual when it comes to my romantic life. These days, it takes me a while to warm up to people enough to even acknowledge whether or not I have a boyfriend. It's not information I usually freely offer, and I don't believe that undermines any of my feelings towards a romantic partner. Instead, I think it's a greater testimony of my independence with my refusal to ever publicly acknowledge an intimate relationship.

This is a stark contrast to the days when I was 18 and penned a "sex" column.

I don't regret the experience that ultimately made me the private person I am. I learned the boundaries of what I was comfortable with sharing. During my phase of kissing and telling, I never cared about establishing a relationship that wasn't superficial. Consequently, the bulk of what I wrote

about could be called vapid and insipid.

After I turned 19, I stopped talking publicly about my intimate life. I wrote about sex toys, and then I just got sick of sex writing. I realized writing about sex without any personal anecdotes was not anything special.

Now, I realize that many of them had a point: I exploited myself.

I fully understand that the remnants of my oversharing may never disappear from the Internet, and I'm perfectly OK with that. It doesn't bother me that one of the first hits of my name on Google turns up an image of me with a huge grin holding a dildo. This image should possibly concern me more.

However, it's never come up in a job interview, and I'm sure some of my employers have Googled me.

It does, however, bother me that people continue to make assumptions and judgments about who I am based on my previous exploits. It's impossible to control other individuals' reactions to writing that's been published on the Internet. However, it amazed me the extreme levels of nastiness from several members of the MIT campus.

I was continually harassed on my blog and other blogs by anonymous individuals with MIT IP addresses, who were too cowardly to put a real name to their statements. They also probably thought I was too stupid to track IP's.

These individuals slandered me by comparing me to a mentally handicapped elementary school student and multiple other nasty ways of questioning my intelligence. I was also continually called fat when I was only a size 2 then.

I got tired of the dread of every Google alert I would get involving my name. So, I just disappeared from the Internet for a few months. As a result, I no longer had to worry if people associated my name with "Talk Nerdy to Me," and the vitriol of internet trolls died down.

I used believed that I was letting the Internet trolls win by disappearing. Now, I realize that many of them had a point: I exploited myself.

The girl who wrote "Talk Nerdy to Me" may never disappear from the Internet, even if I attempted to scrub my online identity clean. Online identities don't just disappear when you take a hiatus from the Internet. To some people, I will always be the girl who wrote "Talk Nerdy to Me," even if I never blab another word about my private life. However, I've come to accept and realize that the longer I keep my silence — the more I guard my privacy — is a greater testimony of who I've become.

LEGAL COUNSEL
MIT students, family, employers and start-ups seeking U.S. legal counsel, campus or office consultation. Call: James Dennis Leary, Esq. 321-544-0012

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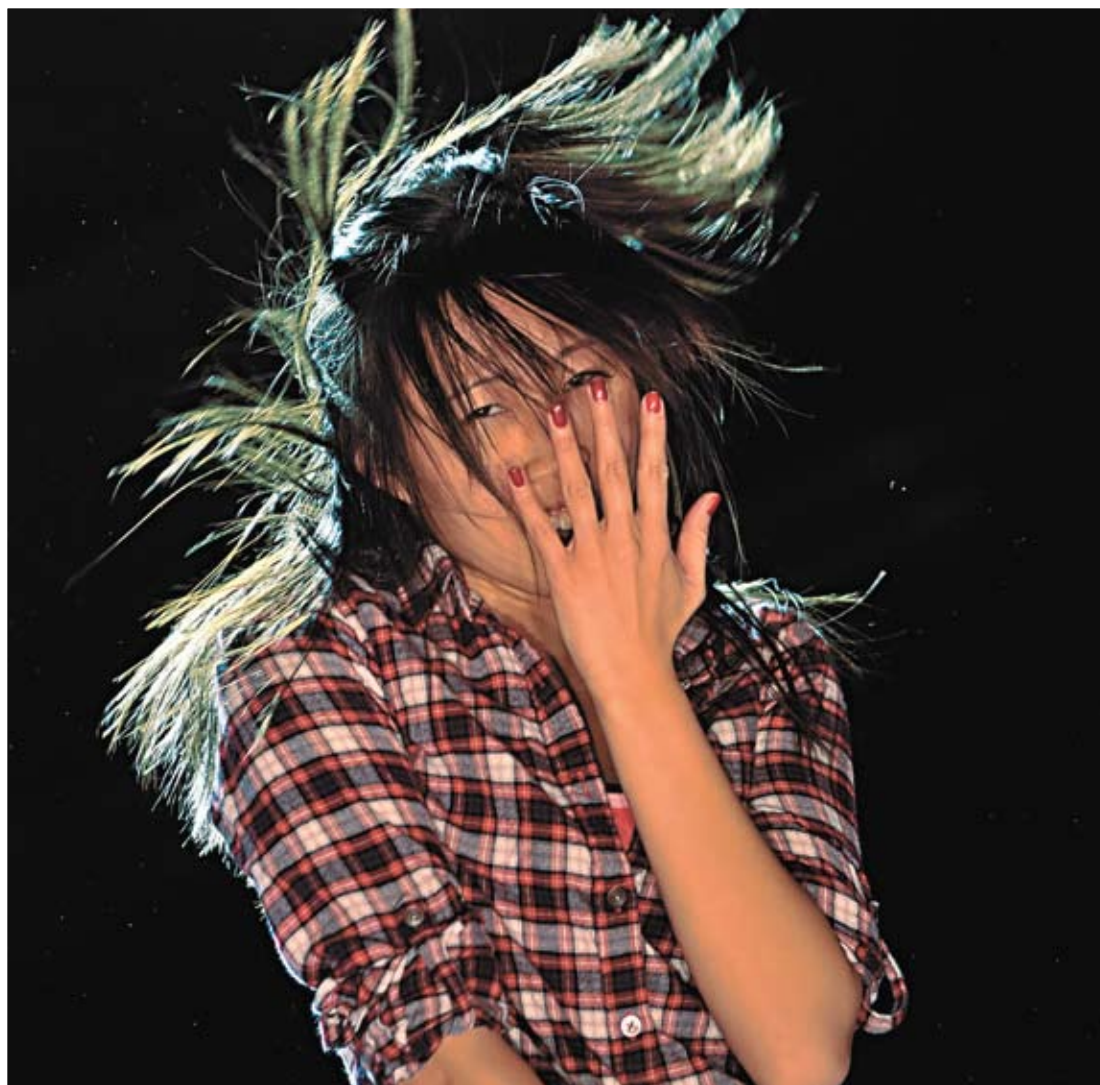
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Bringing dancing into a new dimension



NICHOLAS CHORNAY—THE TECH

Members of Dance Troupe rehearse Thursday in preparation for their upcoming show, DanceTroupe in 3D. Performances will be held Wednesday through Friday. Tickets are on sale in the Student Center (W20) every day from 9 a.m. to 5 p.m. until Thursday.

Performer above: Stephen T. Goodman '12
Clockwise from top left:
 Sara E. Chen '11
 Elizabeth M. Kimball '11
 Olga B. Botvinnik
 Mason Tang G, Lauren T. Berry '13
 Various, Choreography by Andrew N. Sang '13
 Jackie Chen '14



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The MIT Chamber Chorus sings “Jesu, miene Freude,” a motet by J. S. Bach, at the Chapel on Thursday for their Fall concert. They also performed Heinrich Schütz’s “Musikalische Exequien.”

MENG HENG TOUCH—THE TECH



Guest conductor Frank Battisti of the New England Conservatory (NEC) Wind Ensemble directs at the MIT Wind Ensemble at their annual concert on Friday night. Battisti founded the NEC Wind Ensemble 30 years ago and is considered one of the world’s foremost authorities on wind music literature.

DAVID CHEN—THE TECH




Anne V. Cai ‘14 performs in MIT Symphony Orchestra’s winter concert on Saturday night. The concert featured “Ladder to the Moon” by Elena Ruehr, a Lecturer in the Music and Theater Arts Department, “Fontane di Roma (The Fountains of Rome)” by Ottorino Respighi, and “Symphony no. 5, op. 67” by Ludwig van Beethoven.

XUAN YANG




Ravi Chandran ‘14 speaks to a member of the MIT Corporation about the sayno petition. The protesters were giving copies of the petition to members of the Corporation as they arrived for their quarterly meeting. The sayno petition, signed by 1,836 undergraduates, protests the dining plan proposed by the House Dining Advisory Group (HDAG).

JESSICA LIU—THE TECH



COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE LABORATORY



Chuck Thacker
Technical Fellow
Microsoft Research

2010-2011 Dertouzos Lecture Series

Date: Thursday, December 9, 2010
Venue: MIT Stata Center, Building 32-123/Kirsch Auditorium
Time: 4:30-5:30pm

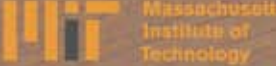
The Future of Computer Architecture Research

Abstract: Until recently semiconductor manufacturers could depend on a predictable rate of improvement in their underlying implementation technologies. This progress enabled large improvements in capacity and performance of what were essentially legacy architectures. The academic architecture community helped; few papers described or evaluated revolutionary approaches to computing. The software industry also benefitted from this approach, since old programs could be run on these evolutionary systems, which provided backward compatibility at every step. This ability to improve the performance of these legacy architectures has now stopped due to limits on frequency scaling, power consumption, and design complexity. Semiconductor makers will continue to put more transistors on a chip of a given size every year, since Moore's law has not yet run out, but we will have to use these transistors in new ways. This change will have profound effects on the way computers are built and on the software they will run. It will require a level of innovation and cooperation between hardware and software architects that we haven't seen for many years. In this talk, I will describe the origin and nature of the barriers we now face, and speculate on some ways that we could avoid or overcome the limitations they impose.

Biography: Chuck Thacker has spent forty years in several industrial research labs. He received the BA in physics from U.C. Berkeley in 1967. He joined Xerox PARC in 1970, where he was responsible for the hardware of a number of innovative systems, including the Alto, the first networked personal computer, and the Ethernet, which is still the most successful local area network. In 1983, he joined the DEC Systems Research Center, where he was responsible for a number of networking and computing systems, including the AN1 and AN2 networks and the Firefly multiprocessor. He joined Microsoft in 1997 to help establish the Company's Cambridge, England laboratory. After returning to the U.S. in 1999, he joined the newly-formed Tablet PC group and managed the design of the first prototypes of this new device. He has also worked on low-cost computing devices for elementary education, and is currently working in Microsoft Research Silicon Valley, where he leads a Computer Architecture group. Chuck has published extensively, and holds a number of U.S. patents in computer systems and networking. In 1984, he was awarded (B. Lampson and R. Taylor) the ACM's Software Systems Award for the development of the Alto. He is a Distinguished Alumnus of the Computer Science Department of the University of California, and holds an Honorary Doctorate from the Swiss Federal Institute of Technology (ETH). He is a member of the IEEE, a fellow of the ACM, a member of the American Academy of Arts and Sciences, and a member of the National Academy of Engineering, which in 2004 awarded him, (with A. Kay, B. Lampson, and R. Taylor) the Charles Stark Draper prize. In 2007, he received the IEEE John Von Neumann medal, and in 2010, he received the ACM Alan Turing Award.

Hosts: David Gifford & Frans Kaashoek, CSAIL

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It slices! It dices! It cuts 7-sided prisms!

2.009, from Page 1

ing farming issues and others looking to improve the operation of elite restaurants.

The Red Team addressed an issue especially salient in the developing world: the difficulty of transporting milk long distances. After trying to contact organizations in Africa and India, the team decided to focus their efforts on the South American nation of Guyana, which imports most of its milk from other countries. The Red Team's device employed a bicycle-style pedaling system and a furnace to convert excess milk into powdered milk.

With the operator pedaling away on the machine, about two gallons of milk can be converted into a powdered form each hour. Presenters mentioned the Boston winter may have affected the evaporation rate around the machine, and so they needed to test their device in "more tropical environments," similar to Guyana's. With manufacturing costs close to \$200 per unit and a retail price of only \$40, the team would need to get financial assistance from non-governmental organizations in order to be successful.

When asked about the possibility of two farmers operating the machine simultaneously, the Red Team said one person could handle the job just fine. "Loading the wood might be the most strenuous thing you have to do," one of the presenters said.

Next, it was the Silver Team's turn. They took a less charitable approach but addressed a vital niche market: the sushi parlor.

Building on the success of conveyor belts at hip sushi joints, the Silver Team created the *noribo*, a saucer-like robot that carries dishes from the chef's kitchen to the dining table. When customers find an attractive sampling of sushi, they simply grab the plate off the *noribo*, which runs on a track. Customers are charged for the number of empty plates at the end of the meal.

The Silver Team estimates a typical restaurant will need up to 100 of these devices. While the whole operation would cost about \$20,000, they put that at half the price of a conveyor belt system. The team also highlighted the ease of use and

maintenance, noting that if a single robot broke down, it could simply be taken out of rotation.

The Blue Team offered up another solution for farmers, creating a device that can wash up to three dozen eggs simultaneously. When the eggs are inside the device, a pair of brushes – not unlike those you might see at a fancy car wash – converge upon the eggs and wipe them clean. A separate compartment is used to dry the eggs, while another batch can be placed in the main compartment. Putting the cost of each unit at \$100,000, the team hoped to make \$240 in licensing fees off each item sold.

The Yellow Team rounded out the night with a small device, the True Tourné, that simplified tourné, a technically difficult cutting technique. Popular in high-end French restaurants, one must be able to cut each potato piece into a seven-sided prism. With the backstory of a French cook who wanted to open a new restaurant in the United States, the Yellow Team demonstrated how their device made the process as easy as placing a piece of potato in a small vice then cranking a knob and making a cut seven times.

The team noted that among the few French restaurants they sampled in the Boston area, half of them avoided using the technique because it was too difficult. The market for the True Tourné, the Yellow Team said, is large, with nearly 23,000 restaurants in the twenty largest cities in the country.

"And that doesn't even include other places that might serve French food – like France," said team member Jamie K. Curran '11.

The remaining four projects of the night were a flour dispenser, a wheelchair basket, a spice dispenser, and a water bottle washer.

The night ended on a high note, as the audience congratulated the teams for their hard work, and the presenters thanked Professor David R. Wallace PhD '95 for his guidance this term. Presenting Wallace a token of gratitude, Eliza J. Eddison '11 said more than half of the course's students — many seniors — said this was the best course they had ever taken.

DESPICABLE

MUSE



MIT Muses Fall Concert
Thursday Dec. 9
8:00 pm, Room 2-190



Solution to Sudoku													
from page 17													
9	4	3	7	5	8	1	2	6					
7	6	8	3	1	2	5	9	4					
1	2	5	6	9	4	7	8	3					
3	7	1	8	6	5	9	4	2					
4	8	9	1	2	7	3	6	5					
2	5	6	9	4	3	8	1	7					
6	9	4	5	7	1	2	3	8					
8	1	7	2	3	6	4	5	9					
5	3	2	4	8	9	6	7	1					

Solution to Sudoku													
from page 17													
3	2	9	1	5	4	8	6	7					
6	5	8	9	7	3	4	2	1					
1	4	7	8	2	6	5	9	3					
5	7	1	6	4	9	2	3	8					
4	6	2	3	8	5	7	1	9					
8	9	3	7	1	2	6	4	5					
7	3	5	2	6	1	9	8	4					
2	1	4	5	9	8	3	7	6					
9	8	6	4	3	7	1	5	2					

Solution to Crossword I													
from page 18													
T	A	P	S		S	M	E	A	R		A	P	S
I	C	E	T		L	O	T	T	O		L	E	A
C	H	E	R	R	Y	B	O	M	B		C	A	N
S	E	R	I	A	L	S		B	R	O	C	K	S
					D	I	Y		S	L	E	U	T
M	A	B	E	L		H	A	I	R	S	T	Y	L
O	M	A	R		C	O	L	L	I	E		K	I
P	A	N		F	O	L	L	I	E	S		E	M
U	T	A		A	R	M	I	E	S		S	E	E
P	I	N	E	T	R	E	E	S		T	E	N	S
					A	S	S	E	S		N	A	T
P	I	S	T	O	L		C	O	R	S	A	I	R
I	D	E	A		A	P	P	L	E	S	A	U	C
C	O	A	T		T	O	T	A	L		I	R	O
A	L	T	E		E	X	A	M	S		L	A	N

Solution to Crossword II													
from page 18													
T	H	O	M		H	E	W	E	D		O	C	H
A	E	R	O		A	Q	A	B	A		B	L	I
G	R	A	N	D	J	U	R	O	R		I	O	T
S	O	L	T	I		A	N	O	L	E		T	M
					H	E	L	L	S	K	I	T	C
M	R	B	L	U	E		N	A	P	E			
A	E	R	Y		D	O	O	M		T	A	S	S
I	D	A		C	A	N	Y	O	N	S		P	O
D	I	N	A	H		E	L	B	A		F	I	F
			D	R	E	I				V	E	R	N
K	I	N	G	S		C	O	L	L	E	G	E	
R	N	A		T	E	S	L	A		I	S	L	E
A	T	M	S		B	L	A	C	K		S	H	E
Z	W	E	I		A	I	M	E	E		L	I	E
Y	O	S	T		G	N	A	R	L		Y	S	E

Solution to Crossword III													
from page 18													
O	P	T	I	C		S	H	A	L	T		D	A
S	H	I	R		M	A	M	A	N		A	B	E
H	E	M	R	E	C	E	I	V	I	N	G	T	A
A	W	E		T	I	E	R	E	D		N	E	S
		P	R	E	T		S	T	O	M	A	C	H
A	D	U	E		E	P	H		P	U	R	L	
P	A	N	E	L		D	O	T	E	S		O	N
T	I	C	K	E	T	F	R	O	N	T		S	T
S	S	H		M	I	S	E	R		Y	A	H	O
		C	H	U	B		B	I	C		M	E	S
A	D	H	E	R	E	T	O		A	M	I	S	
L	A	O	S		T	E	T	L	E	Y		H	A
A	I	R	S	T	A	R	T	I	N	G		N	E
M	S	U		E	N	R	O	L		A	M	A	I
O	Y	S		A	S	A	M	I		L	I	D	D

Solution to Crossword IV													
from page 19													
P	R	E	S	S		B	U	S		D	R	I	V
L	I	L	A	C		A	M	E	R	I	C	A	N
A	S	T	I	R		S	P	R	I	N	K	L	E
N	E	O	L	I	T	H		P	E	G		U	R
E	U	R	O	P	E		M	E	D		S	A	G
S	P	O	R	T	S		S	M	A	N		D	E
						T	A	R	T		M	E	L
A	N	O	D	E		R	O	I		C	R	E	S
M	O	B	I	L		I	O	N	A				
A	T	S	E	A		O	N	E	X	H	I	B	I
R	A	T	S		R	N	S		L	A	N	I	N
E	T	A		H	I	E		T	E	N	D	O	N
T	I	C	T	A	C	T	O	E		S	I	L	A
T	O	L	E	R	A	T	E	S		O	R	A	T
O	N	E	L	I	N	E	R	S		M	A	B	E

Judges interpret stem cell research

Stem cells, from Page 1

earlier in the case, over whether to temporarily suspend the preliminary injunction while they heard the case — they issued the order just one day after oral argument.

At this stage, the only information available to the court were the questions asked by the 3-judge panel during the 40-minute oral argument. The court is the United States Court of Appeals for the District of Columbia; the judges are Douglas Ginsburg, Karen L. Henderson and Thomas Griffith.

According to *Nature's* quotations from the oral argument, two of the three judges seemed inclined to favor the government's position; the case will be decided by a majority of the panel.

Griffith, while questioning the government, summarized the case saying, "the only question for us is whether the later research is somehow inextricably intertwined with the derivation," referring to a central issue in the case: whether doing embryonic stem cell research on existing stem cell lines constitutes "research in which" an embryo is destroyed. If not, then the congressional appropriations rider that restricts embryo research, the Dickey-Wicker amendment, would not apply. There have been scores of pages filed in the case so far solely discussing the meaning and etymology of the word "research."

Ginsburg, seemed inclined to rule to the government's favor, replying to Sherley's lawyer, Thomas Hungar, saying Dickey-Wicker bars research "in which" a human embryo is damaged, not "for which." The latter would bar a much larger set of stem cell research.

A major issue for the judges in evaluating whether a preliminary injunction is warranted (but perhaps not for the lower court in its final decision) is the balance of harms between the two parties. Harm to Sherley and similar researchers by being forced to compete with embryonic stem cell research for scarce federal dollars, and harm to the scientific enterprise and hundreds of researchers and millions of dollars of research and unknowable medical developments by being forced to halt stem cell research that is currently ongoing.

Griffith postulated a situation where the court agreed with Sherley on the merits, and then asked how the court goes about balancing the harm. In reply, Hungar merely noted that Sherley and Deisher "suffer ongoing hardship."

In the meantime, there has been no further activity at the lower court level. While both sides have moved for summary judgment, meaning a request for the court to decide the case based on facts that are undisputed by both sides, there's good reason to think Judge Royce C. Lamberth will wait for the appeals court's ruling — and any possible written opinion — before making up his mind.

If Lamberth does rule against the government, they can appeal the entire case back to the appeals court. That would be the third time this case has been to that appeals court. The first time, over the summer, that court ruled that Sherley and Deisher did indeed have standing to sue the government, because they were indeed harmed by having to compete for funding. The second time is the present case, over whether the lower court was right to issue the preliminary injunction barring the research.

Police log

The following incidents were reported to the Campus Police between May 7 and June 19. The dates below reflect the dates the incidents occurred. This information is compiled from the Campus Police's crime log. The report does not include alarms, general service calls, or incidents not reported to the dispatcher.

May 7, Bldg. E19, 1:00 a.m., larceny of 5 laptop computers

May 12, Bldg. 35, 5:00 p.m., larceny of video camera

May 20, Bldg. NW61, 9:00 a.m., report regarding telephone harassment

May 26, Bldg. 26, 9:00 a.m., someone falsified a document

May 28, Bldg. 3, 2:00 p.m., two laptops stolen from office area

May 31, Bldg. E51, 2:45 p.m., officer speaks to party regarding stolen LCD projectors

May 31, Bldg. W35, 11:00 a.m., motorcycle stolen

Jun. 1, Bldg. 26, 10:30 a.m., camera stolen from office area

Jun. 1, Bldg. 46, 2:00 p.m., bike locked with a cable lock stolen from bike rack

Jun. 3, Bldg. 26, 12:10 a.m., Mustafa Zagui of 240 Albany St. arrested for trespass after notice

Jun. 4, Bldg. 32 (Stata Center), 8:00 a.m., bike was reported stolen

Jun. 4, 20 Albany Street, 9:00 a.m., hit and run property damage

Jun. 6, Bldg. W20, 9:00 a.m., larceny of wallet

Jun. 6, Bldg. NW86, 10:50 p.m., vehicle was keyed while parked in the lot

Jun. 7, Bldg. 26, 12:30 a.m., threatening note left on chalk board

Jun. 8, Bldg. 68, 12:30 p.m., man reported laptop stolen from open office

Jun. 8, Bldg. 1, 5:00 p.m., larceny of laptop

Jun. 9, Bldg. W20, 6:35 a.m., homeless on third floor. Trespass warning issued.

Jun. 9, 125 Vassar St., 8:45 a.m., motor vehicle broken into and gps was stolen

Jun. 9, 304 Vassar St., 4:00 p.m., man reports ipad stolen from his office

Jun. 10, Bldg. W20, 6:19 a.m., male/female sleeping in second floor lounge. Trespass warnings issued.

Jun. 10, Bldg. W61, 8:00 a.m., larceny of a bike from W20

Jun. 10, Bldg. 31, 11:30 a.m., bike was stolen from bike rack

Jun. 10, Bldg. W89, 3:08 p.m., larceny of bike

Jun. 10, Bldg. W61, 11:59 p.m., construction material stolen

Jun. 12, Bldg. 51, 10:30 a.m., larceny of a wallet and iphone

Jun. 12, Bldg. E51, 4:00 p.m., vandalism to a motor vehicle in parking area

Jun. 14, Bldg. 8, 2:00 p.m., laptop computer was stolen

Jun. 15, Bldg NW17, 2:03 p.m., threats by person known to him

Jun. 16, Bldg. W20, 12 p.m., two way radio stolen

Jun. 16, 125 Vassar St., 11:53 p.m., two individuals issued trespass warnings

Jun. 17, Bldg. W20, 6:42 a.m., trespass warning issued on third floor

Jun. 17, Bldg. W20, 6:49 a.m., trespass warning issued on third floor

Jun. 17, Bldg W20, 6:57 a.m., trespass warning issued on third floor

Jun. 17, Bldg. E19, 9:00 a.m., disturbance raised by caller

Jun. 18, 125 Vassar St., 12:55 a.m., Chu Yuan, 32 Cassidy Rd., arrested for trespassing

Jun. 18, Bldg. W79, 9:00 a.m., Vehicle was broken into. Nothing taken.

Jun. 18, Bldg. W35, 7:03 p.m., unwanted person issued trespass warning

Jun. 19, Briggs Field, 4:30 p.m., backpack with clothing, wallet, and cell phone stolen



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Jon Griffith
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Friday, December 17, 2010

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 - Subject(s) taken with the nominee
 - Why you are nominating this teacher

- Please consider and comment on
- Teaching effectiveness
 - Approachability
 - Responsiveness to students' progress
 - Impact

Reasons for Fife’s changed opinion alter between trials

Tang, from Page 1

Styke ’11 in the early morning hours of Oct. 23, 2007 in Styke’s Next House dormitory room. Tang was a Wellesley College junior at the time.

For reasons that may be under dispute, Fife changed her opinion on June 29, 2010, on the eve of what was scheduled to be the last day of the trial. Fife issued a written report on June 30 saying that Tang could indeed conform her behavior to the requirements of the law.

Fife explained that she changed her opinion because she received notes from Dr. Lisa Desai, an independent therapist who Tang had been referred to in early October 2007, the same month of the stabbing. Over the summer, the prosecution alleged that Desai’s notes had been withheld from them by the defense, but the defense maintained they had been provided to the prosecution all along and the prosecution must have mislaid them.

In any case, the notes were again provided and Fife received them on June 29.

Under cross-examination from defense attorney Robert A. George yesterday, Fife discussed many other events that had happened between issuing her original opinion on May 3, 2010 and her revision on June 29.

Fife maintained that only Desai’s notes caused her to change her opinion. She said discrepancies between information reported by Tang in Desai’s notes and information reported by Tang directly to Fife caused Fife to question Tang’s credibility.

On Thursday, Fife had testified that the change was because Tang omitted the fact that she met with Desai 18 hours prior to the stabbing.

But yesterday, Fife said that it was instead the content of Desai’s notes, for example that Tang did not mention thoughts of suicide or thoughts of wanting to hurt Wolfe Styke throughout the month of October 2007. But she had told those things to Fife in March of 2010.

But between Fife’s report in May and the her revised report in June:

- Fife reviewed the Wellesley College clinical record, a stack of about 400 pages of detailed notes on Tang’s repeated visits to Wellesley’s Stone Center for Counseling Service, covering Tang’s mental health issues from her arrival at Wellesley in Sep. 2005. Among other things, those notes included reference to

Tang’s Oct. 22 visit with Desai, as well as others. (Fife should have had access to this clinical record prior to May 3, but she did not review it or consider it in her May 3 report, and it is not clear why.)

- Fife communicated to Assistant District Attorney Susanne M. Kontz, the prosecutor in the case, that perhaps she should consider getting a second opinion on Tang.
- Fife did not speak to Tang herself, for example to clarify discrepancies. Nor did Fife speak to Tang’s psychologist Dr. Eric L. Brown, her current treating therapist Dr. Liza Brooks, or her former therapist Dr. Lisa Desai.
- Fife did speak to Tang’s psychopharmacologist, Dr. Michael J. Mufson, but only about allegations that Mufson or George had called Fife “unethical”—the conversation did not discuss Tang herself, and

Mufson denied the allegations, Fife said.

- Fife telephoned Wolfe Styke’s mother, Gwen Styke, around June 22, at Kontz’s request.
- Fife exchanged e-mail with Gwen Styke, where Styke explained her beliefs about Tang’s motivations.

Substantial courtroom time was spent on these details, and whether they represented an ethical problem. The net result was to call Fife’s credibility into question, not sufficiently to invalidate Fife’s testimony, necessarily, but enough to weaken it.

The defense noted that the wording of Styke’s e-mail and Fife’s amended report were “similar.” Fife agreed with that statement.

Gwen Styke’s e-mail said, “*I think that it is clear it was hostility, rage, a desire to have control over him and*

his fate, and hurt from rejection that was the driving force for her attack against him.”

Fife’s amended report said Tang’s behavior was “*driven by her inadequate personality structure, her attachment issue, leaving her unable to manage rejection, and dealing with it by harming the person who rejected her.*”

There is additional confusion about documentation in support of Fife’s initial May 3 report. For instance, that report reads, “*Miss Tang had documented mood swings...*”

When asked, she was unable to explain what documents she was referring to in her report. Her report had an appendix listing all the documents used in the production of the report, but Fife denied using them to produce that wording, saying she

thought the information came from a self-report from Tang.

Defense attorney George asked, “Are you saying you were relying on no documents although you wrote ‘documented’?”

Fife replied, “I’m saying that I can’t be sure.”

George pointed out that the mood swings were clearly documented in the Wellesley College clinical record, but Fife maintained that she had not seen that record until after May 3rd.

Cross-examination of Fife will continue this morning.

Today is expected to be the last day of the trial, but the judge could take weeks to rule, if he feels it necessary. A police detective will testify about finding Tang on the night of the incident.

The trial takes place at Middlesex Superior Court in Woburn, Mass.

The Sloan (Course 15) Course Bidding System (Sloanbid) Bidding Dates for Spring, 2011 Courses

https://sloanbid.mit.edu

First time logging in? Use your MIT ID as both your log in and password. Follow instructions on the site to change your password or retrieve lost passwords. Once logged in, make sure and check that your information (i.e. program of study and graduation date) is correct.

Institute-wide bidding for Sloan (Course 15) subjects*:

Opens 9:00 a.m., Wednesday, December 22

Closes 5:00 p.m., Wednesday, December 29

Waitlist Round for closed Sloan (Course 15) subjects:

Opens 9:00 a.m., Wednesday, January 5

Closes 5:00 p.m., Wednesday, January 12

Section Swap Round for changing sections of pre-enrolled Sloan (Course 15) subjects:

Opens 9:00 a.m., Friday, January 14


Closes 5:00 p.m., Friday, January 21

Please contact Scott Alessandro, salessan@mit.edu, if you have questions regarding Sloan (Course 15) Course Bidding.

Successful bids will appear on your Registration Form on January 31st and will be posted on the bidding website as of January 5th -- write down your password to check results!


****For 15.026J, 15.031J, 15.053, 15.279, 15.301, 15.501, 15.516, and 15.812, you can sign up directly through WebSIS starting December 1st. It is not necessary to bid for these courses.***

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January 20
2-4PM
Kresge Lobby
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for your used textbooks
at Amazon.com



(You can sell back other stuff like video games and DVDs too.)

amazon.com/buyback

Solution, page 12

- 1 A little night music?
- 5 Smudge
- 10 Church area
- 14 "Rhyme Pays" rapper
- 15 State gambling game
- 16 Tap trouble
- 17 July 4 noisemaker
- 19 Rattan piece
- 20 Stories in installments
- 21 Dieter and Lou
- 23 Handyman's letters
- 24 Clue collector
- 26 Jazz vocalist Mercer
- 29 Beauty parlor do
- 32 Bradley or Sharif
- 33 Lassie's breed
- 34 Set of parts
- 35 "Peter ____"
- 36 Ziegfeld show
- 37 Cassowary cousin
- 38 Hagen of the stage
- 39 Military forces
- 40 Sesame, for one

- 1 Muscle twinges
- 2 Massage target
- 3 British nobleman
- 4 "The Lord of the Rings"
character
- 5 In a cunning manner
- 6 Unruly groups
- 7 Zone for DDE

1	2	3	4		5	6	7	8	9		10	11	12	13
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17					18						19			
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			23				24	25						
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		44							45					
46	47							48				49	50	51
52					53	54	55							
56					57						58			
59					60						61			

51 Rip apart
54 Chicken __
55 Mom-and-pop grp.

Solution, page 12

- 1 McAn of shoes
- 5 Cut down
- 10 Protest-singer Phil
- 14 Dynamic opening?
- 15 Red Sea gulf
- 16 Radar spot
- 17 Evidence weigher
- 19 Greek letter
- 20 Conductor Georg
- 21 American chameleon
- 23 Leaky PA reactor
- 24 Manhattan neighborhood
- 27 #1 hit by the Fleetwoods
- 30 Scruff
- 31 Ethereal
- 32 Final crack
- 36 Italian epic poet
- 39 Actress Lupino
- 40 Copper or Snake River
- 42 "Annabel Lee" poet
- 43 Singer Washington
- 45 Corsica's neighbor
- 46 Generic poodle name
- 47 Cologne trio

- 1 Price indicators
- 2 Protagonist
- 3 Spoken
- 4 12 times a year
- 5 Uris novel, with "The"
- 6 Peer
- 7 Alerts
- 8 Amazon download
- 9 Hit by the Beach Boys

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56					57					58		59	60	61
62			63		64				65					
66					67						68			
69					70						71			

61 Stud poker?
63 Convene
65 Kenan's comedy
partner

Solution, page 12

1 Lens
6 Commandment verb
11 Smidgen
14 Make cloth gathers
15 Bourgeois sculpture
16 Prez on a penny
17 Three lines
20 Wonderment
21 Like some cakes
22 Avian haven
23 __-a-porter (ready-to-wear)
25 Shows intestinal fortitude
27 For two, in music
29 N.T. book
31 Sound of rippling water
32 Judging group
34 __ on (mollycoddles)
36 Single entity
39 Three lines
42 Be quiet!
43 Skinflint
44 Loudmouth lummoX
45 Minnow cousin

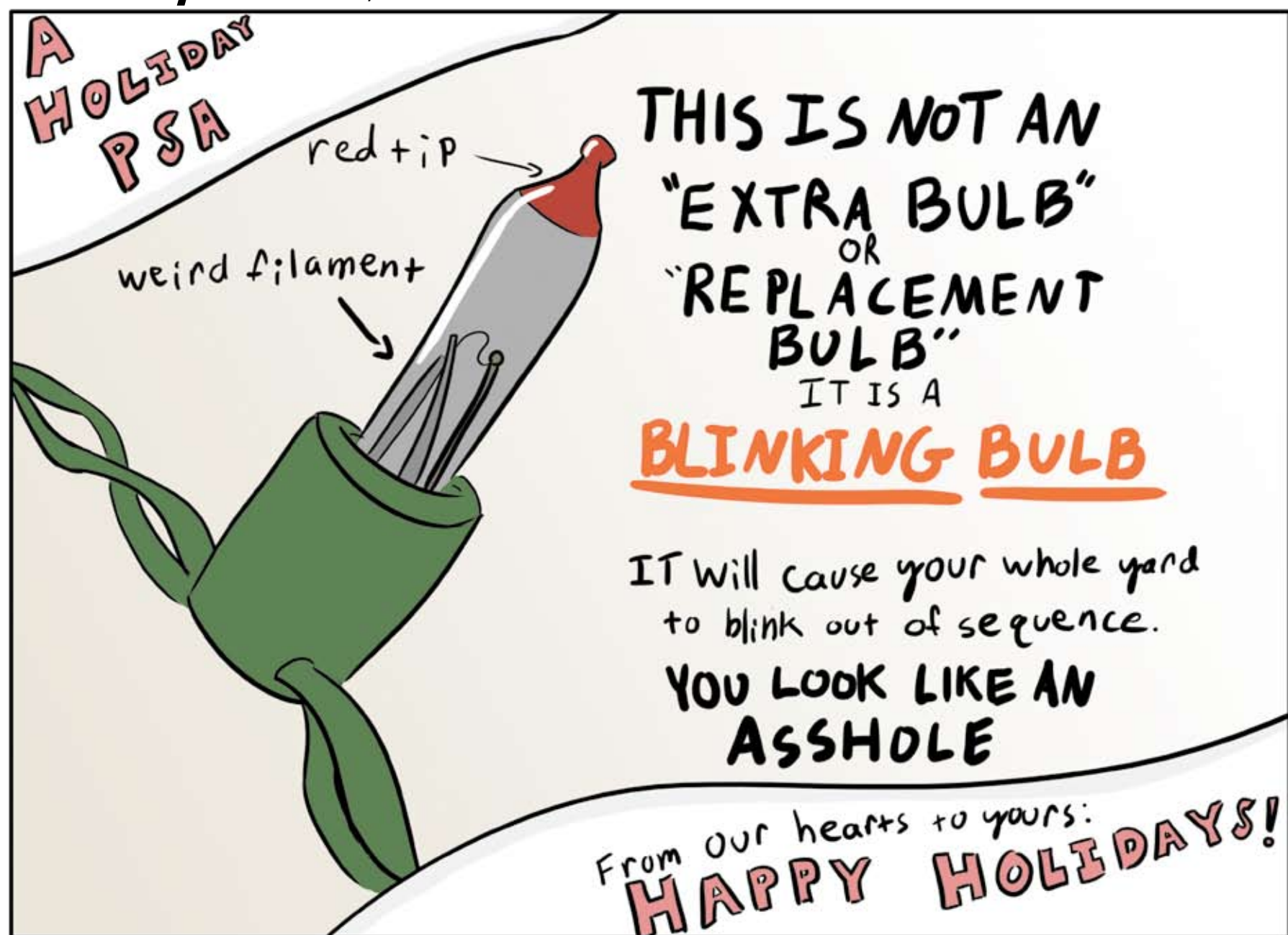
- 1 Workplace safety grp.
- 2 That was close!
- 3 Three lines
- 4 Not std.
- 5 Minotaur's isle
- 6 Hook's underling
- 7 Three lines
- 8 Ex-G.I.

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64				65						66				
67				68						69				

60 Designer letters
62 Afternoon social
63 ID card letters, at times

join@tech.mit.edu

Steal My Comic by Michael Ciuffo

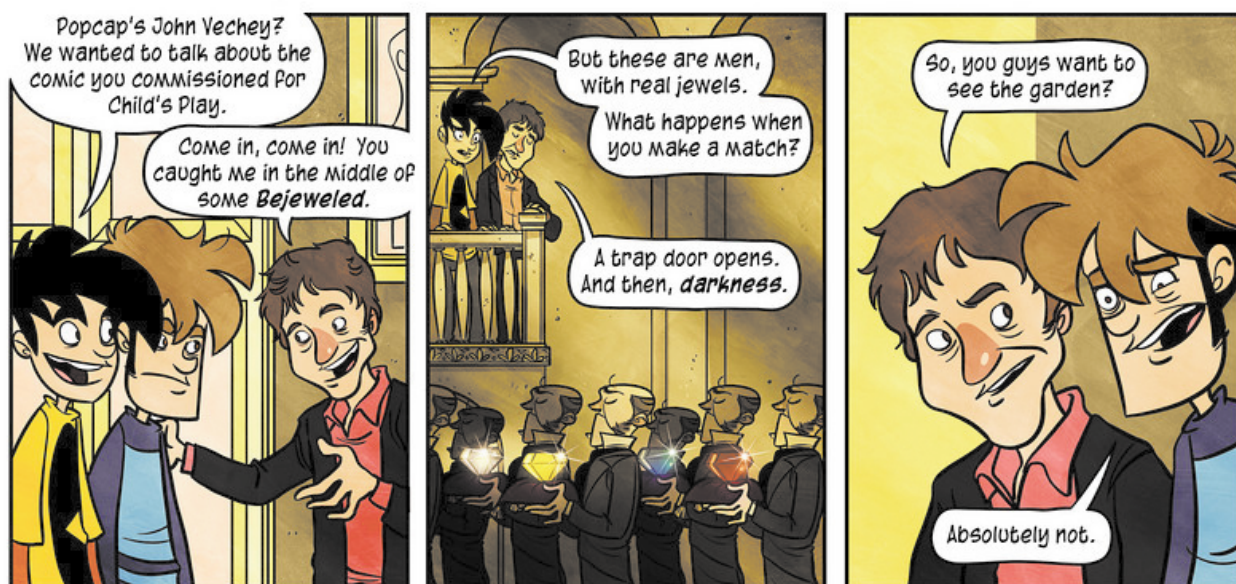


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A New Spin On An Old Favorite



by Jerry Holkins
and Mike Krahulik



Crossword Puzzle IV

Solution, page 12

ACROSS

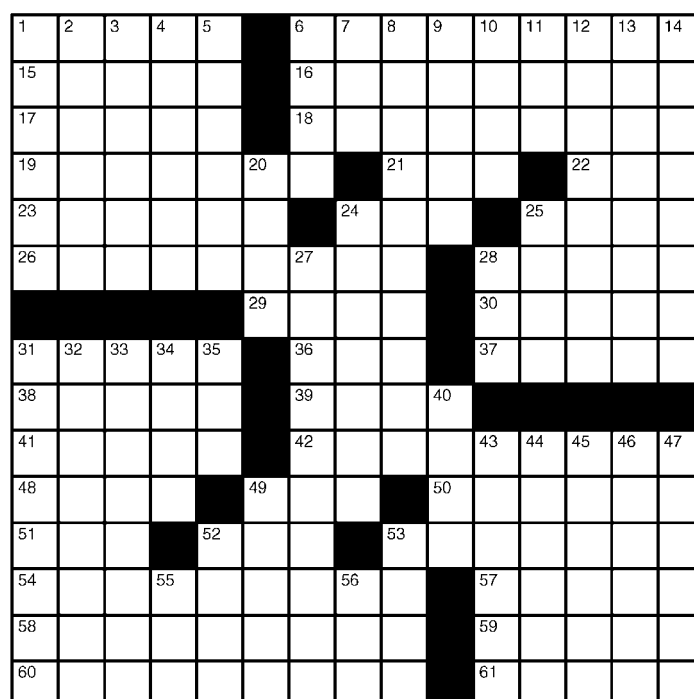
- 1 Trudge (on)
- 6 Ralph Kramden, for one
- 15 Purple bloomer
- 16 Bits and pieces of U.S.
history
- 17 Buzzing
- 18 Rained a bit
- 19 Stone Age implement
- 21 Dowel
- 22 Spoon-bender Geller
- 23 One side of the Urals
- 24 Shirt tag abbr.
- 25 Chronicle
- 26 Team player
- 28 Account entry
- 29 Piquant
- 30 Donnybrook
- 31 Jumper cable connection
- 36 Dauphin's dad
- 37 Leafy garnish
- 38 Standard Oil by another
name
- 39 New Rochelle college

- 41 Confounded
42 Shown, as in a museum
48 Unpopular rodents
49 "Grey's Anatomy" extras
50 Pacific weather pattern
51 Guess at LAX
52 Hurry along!
53 Kin of ligaments
54 Game often stalemated
57 Miser Marner
58 Puts up with
59 Deliver an impassioned
speech
60 Jokes like Dangerfield's
61 Jazz vocalist Mercer

DOWN

- 1 Shop tools
- 2 Rebel
- 3 La corrido beast
- 4 Admiral or cabin boy
- 5 Actor's lines
- 6 Crushing blow
- 7 Diamond arbiter

- 8 Sinuous
9 Like a prune
10 Circus area
11 Eww!
12 Of great worth
13 Efforts
14 Branches out
20 Check out
24 Strands
25 Observer
27 Performer with strings
attached
28 Run-__ of Hip Hop fame
31 Almond liqueur
32 Marginal marking
33 Impediment
34 Conks out
35 Old-time high note
40 Rod in a car
43 Horsedrawn carriage
44 Gandhi of India
45 Cloning spot, for short
46 Present at birth
47 Mortarboard fixture



- 49 Puerto __ (San Juan resident)
52 Mata of spvdom

- 53 Mrs. Dick Tracy
55 __ Aviv-Jaffa, Israel
56 Poetic contraction

Swim and dive teams dominate at MIT Invitational

Engineers set five institute records and earn 14 NCAA cuts in final meet of semester



Elise A. Stave '13 competes a dive off the 3-meter board at Saturday's MIT Winter Invite Swimming and Diving meet. Stave placed 6th on 3-meter and 5th on 1-meter, helping MIT finish first against NYU, Tufts, Colby, Harvard, Wheaton, and Bowdoin.

By Sarah Weir
STAFF REPORTER

Both the MIT women's and men's teams handily won the MIT Winter Invite held this weekend at the Zesiger center pool. The women's team edged out second-place New York University by 381 points, and the men's team beat the also second-place NYU team by 646 points.

In swimming, points are awarded in decreasing amounts to the top 16 individual finishers and to the top 14 relays. Although the top places are ideal, a team can still garner a high score from consistently having more than one swimmer or relay team in the top 5-10.

After the first session on Friday night, the Engineers were ahead by over 100 points for both the men and women. The men's team went first and second in the 200 yard freestyle relay, and took first, second, third, and fourth places in the 500 yard freestyle with Carlo R. Biedenharn '14 winning with a time of 4:40.71, 11 seconds faster than his seed time entering the meet. The women's team took first and third place in the 200 yard individual medley and managed to edge out Harvard University's A team in the 400 yard medley relay to win first place. The team of Christine K. Rogers '14, Morganne C. Klein '14, Anna S. Kokensparger '13, and Elina L. Hu '13 beat out Harvard by one second with a

time of 3:54.05, which makes the B cut for the NCAA championships. Elizabeth L. Stavely '11 led the MIT diving team with a third place finish in the 3-meter and a fourth place finish in the 1-meter competition.

On Saturday morning, the Engineers came out strongly, with both the men's and women's A and B teams in the top 4 of the 200 yard medley relay. The women's team of Rogers, Calley L. Murphy '14, Kokensparger, and Hu won in 1:47.85, less than one second ahead of Wheaton College's 1:48.28. The men went first and second in the relay, with the team of Brett L. Boval '12, Michael J. Liao '14, Wyatt L. Ubellacker '13, and William C. Dunn '14 handily winning in 1:33.01. Although an NYU swimmer won the 400 yard individual medley in 4:08.62, the Engineers earned a total of 75 points with Brendan T. Deveney '13, Jeffrey Lin '14, Remy A. Mock '14, Tim Stumbaugh '12, and Tim Wall '14 placing second, third, fourth, fifth, and sixth, respectively. Ubellacker also won first place in the 100 yard butterfly and qualified for the NCAA Championships with a time of 49.14.

The Engineers dominated the rest of the meet, the men's team winning first place in every subsequent event. Overall, it was a successful weekend for MIT swimming and diving. The team will take a holiday break before resuming their season on January 6 at Wheaton College.

UPCOMING HOME EVENTS

Tuesday, December 7

Men's basketball vs. UMass Boston

7 p.m., Rockwell Cage

SPORTS SHORTS

Men's basketball defeats Gordon College

The MIT men's basketball team defeated Gordon College Saturday afternoon, 92-73 to improve their record to 6-1.



Gordon jumped out to a 9-3 lead just over three minutes into the game, but MIT responded with eight unanswered points to take the lead. Four of the Engineers' first five field goals came from three-point range; the last

of these threes gave MIT a 14-13 lead, which they would not relinquish the rest of the game. The lead increased to 16 points, 56-40, at the half, on Mitchell H. Kates '13's buzzer-beating 18-footer. MIT would hang on in the second half and cruise to victory.

The Engineers shot 56 percent from three-point range, accounting for 42 of their 92 points. James D. "Jamie" Karraker '12 hit seven of his nine three-point attempts for 21 points, while Kates led all players with 23 points. William Tashman '13 added 15 points and ten rebounds.

MIT next hosts UMass-Boston Tuesday evening as they try to extend their winning streak to six games.

—David Zhu, Sports Editor

Women's basketball loses to Springfield College

The women's basketball team fell 54-36 to Springfield College on Saturday, snapping their four-game winning streak. The defeat is the first NEWMAC loss for MIT, who are now 4-3 overall.

Both teams shot poorly from the field, with the Engineers making only 26% of their shots and Springfield making less than a third of theirs. The game remained close for much of the first half — although MIT never had the lead, they were only down by one point, 13-12, with just over seven minutes left in the first half. Springfield pulled away, however, at the end of the period, extending their lead to 28-18 at the break.

Springfield added to their lead in the second half, going ahead by 23 midway through the period, and held on for a 54-36 win.

Sydney B. Beasley '14 led the Engineers with ten points off the bench.

MIT will seek to rebound from the loss when they visit Babson College Tuesday evening.

—David Zhu, Sports Editor

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